

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (currently amended) A receiver (1) for receiving radio frequency signals and comprising
  - a first stage (3) for amplifying and tuning radio frequency signals and for generating intermediate frequency signals;
  - a first gain controller (38) for controlling a gain of the first stage (3);
  - a second stage (5) for amplifying and demodulating the intermediate frequency signals;
  - a second gain controller (54) for controlling a gain of the second stage (5); ~~which~~ which first and second gain controllers (38,54) control the gains independently from each other with the first gain controller to control the gain of the first stage based on a modulated intermediate frequency signal, and the second gain controller to control the gain of the second stage based on a demodulated intermediate frequency signal.
2. (original) A receiver (1) according to claim 1, wherein both gain controllers (38,54) are adjusted at the same reference level for controlling the gains in relation to this reference level.
3. (original) A receiver (I) according to claim 2, wherein the second stage (5) comprises a first intermediate frequency amplifier (50) and a second intermediate frequency amplifier (51), with the first gain controller (38) comprising a first gain detector (41) for detecting an output signal of the first intermediate frequency amplifier (50) and a first gain generator (40) for generating, in response to the detecting, a first gain control signal to be supplied to a control input (39) of a radio frequency amplifier (31) in the first stage (3).

4. (original) A receiver (1) according to claim 3, wherein the second stage (5) comprises an intermediate frequency demodulator stage (52) having an input coupled to an output of the second intermediate frequency amplifier (51) and an output coupled to an input of a video amplifier (53) for generating a video signal, with the second gain controller (54) comprising a second gain detector (59) for detecting an output signal of the intermediate frequency demodulator stage (52) and a second gain generator (58) for generating, in response to the detecting, a second gain control signal to be supplied to a control input (57) of the second intermediate frequency amplifier (51).

5. (currently amended) A tuner for use in a receiver (1) for receiving radio frequency signals, which receiver (1) comprises

a first stage (3) for amplifying and tuning radio frequency signals and for generating intermediate frequency signals;

a first gain controller (38) for controlling a gain of the first stage (3);

a second stage (5) for amplifying and demodulating ~~the~~ intermediate frequency signals;

a second gain controller (54) for controlling a gain of the second stage (5); which first and second gain controllers (38,54) control the gains independently from each other with the first gain controller to control the gain of the first stage based on a modulated intermediate frequency signal, and the second gain controller to control the gain of the second stage based on a demodulated intermediate frequency signal, and which tuner comprises the first stage (3) and the first gain controller (38).

6. (currently amended) A demodulator for use in a receiver (1) for receiving radio frequency signals, which receiver (1) comprises

a first stage (3) for amplifying and tuning radio frequency signals and for generating intermediate frequency signals;

a first gain controller (38) for controlling a gain of the first stage (3);

a second stage (5) for amplifying and demodulating ~~the~~ intermediate frequency signals; and

a second gain controller (54) for controlling a gain of the second stage (5); which first and second gain controllers (38,54) control the gains independently from each other with the first gain controller to control the gain of the first stage based on a modulated intermediate frequency signal, and the second gain controller to control the gain of the second stage based on a demodulated intermediate frequency signal, and which demodulator comprises the second stage (5) and the second gain controller (54).

7. (currently amended) A method for receiving radio frequency signals and comprising

a first step of amplifying and tuning radio frequency signals and of generating intermediate frequency signals;

a second step of controlling a gain of the first step based on a modulated intermediate frequency signal;

a third step of amplifying and demodulating the intermediate frequency signals; and

a fourth step of controlling a gain of the third step based on a demodulated intermediate frequency signal; which second and fourth steps control the gains independently from each other.

8. (canceled)